

WISeNeT X series
eXtreme performance

THE MOST
POWERFUL CHIPSET
Wisenet 5



Wisenet X series



Wisenet **X** series is supercharged by the most powerful
chipset ever incorporated into a full camera range.
The Wisenet 5 chip uses an all-new architecture that enables faster processing.
That means you get the best video performance just as you need it.

EXCEPTIONAL CLARITY

Be amazed by the World's Best WDR

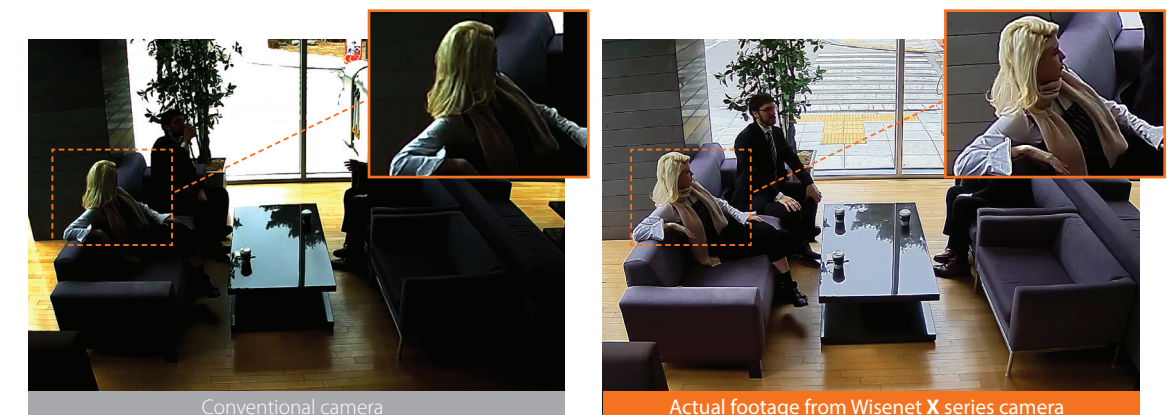


Introducing Wisenet X series, an advanced technology that optimally adjusts lighting levels with extreme accuracy, even with backlight.



The World's best WDR 150dB

An existing WDR image is captured by composing 2 frames with different exposures. The Wisenet X series with **150dB** WDR uses 4 frames to create a more natural image. Motion blur is a critical weakness of existing WDR, but this new technology removes all movement, providing clear and vivid images.



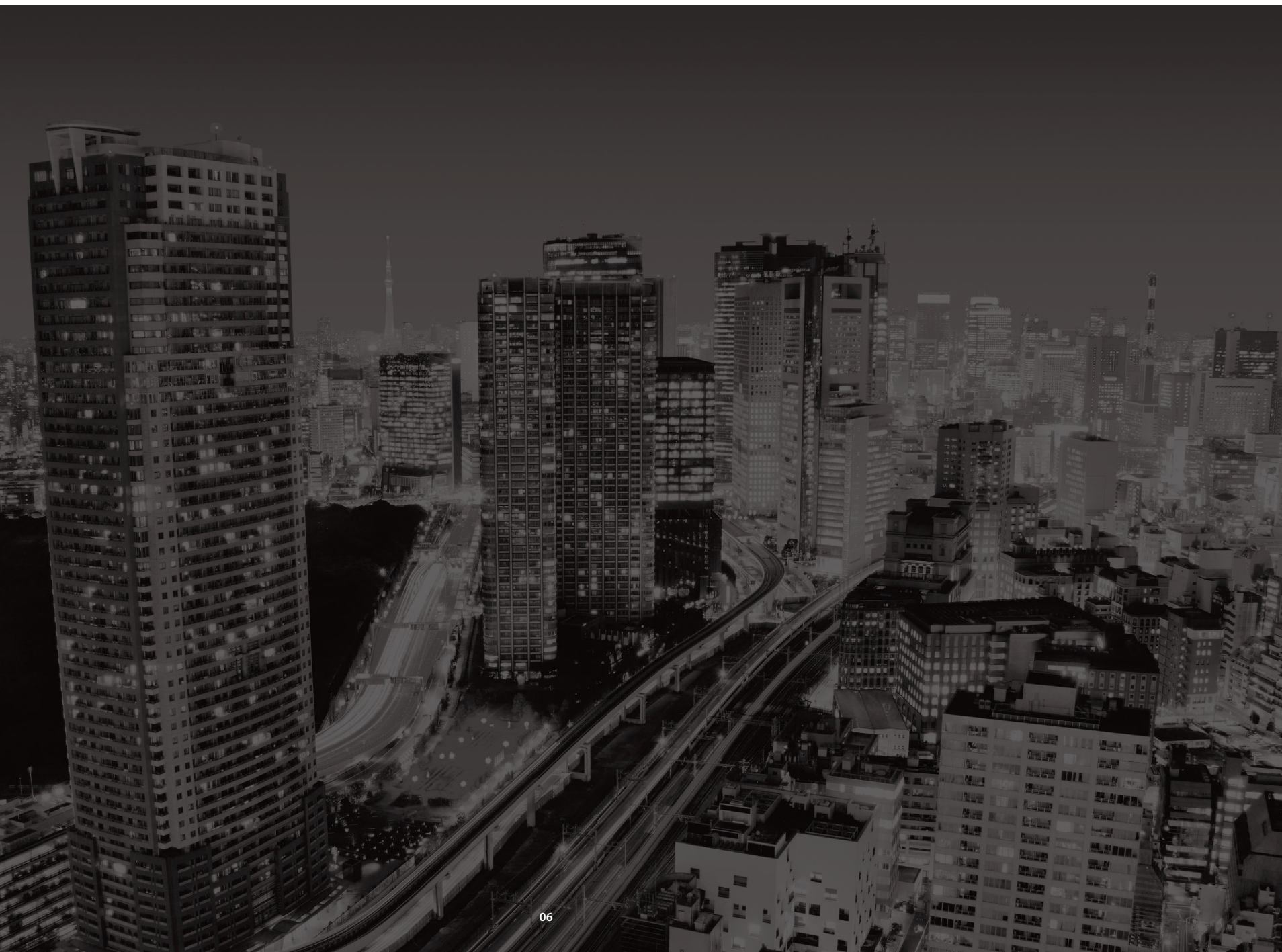
Conventional camera

Actual footage from Wisenet X series camera

※ Wisenet X series 5M cameras support 120dB.

SEE THE UNSEEN

Wisenet X series, the power that suppresses darkness



eXcellence in dark environments.

eXperience the outstandingly clear images of Wisenet X series.

Monitor colour images, even in low-light

With the new powerful chipset used in the Wisenet X series and Hanwha Techwin's outstanding lens technology, images can be monitored in low-light environments including colour without IR LED. Vivid images can now be captured regardless of the environment or the time of day.



Conventional camera



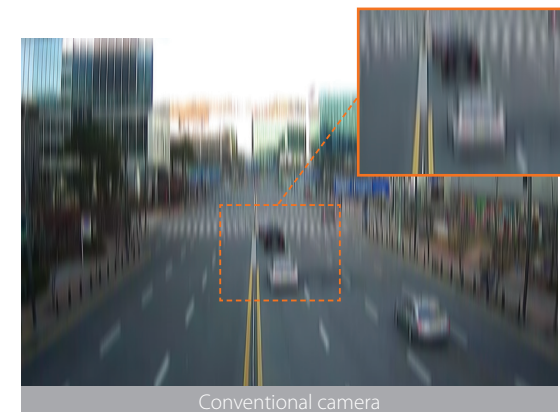
Actual footage from Wisenet X series camera

CAPTURE EVERY MOMENT

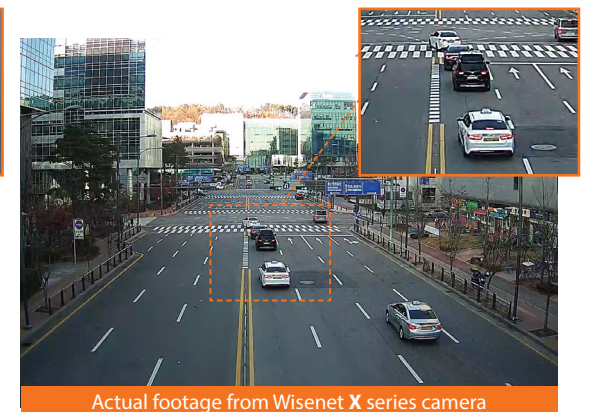


More accurate stabilisation using gyro sensors

Gyro sensors have been added to the technology used in existing cameras for more accurate stabilisation. Stabilisation comes into effect when a camera is disturbed by wind or vibrations.



Conventional camera



Actual footage from Wisenet X series camera

ADVANCED COMPRESSION

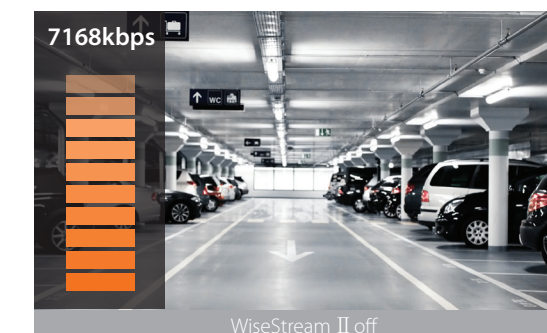
WiseStream II - the Wise Choice



Reduce storage space with **Hanwha Techwin's** eXclusive compression technology, WiseStream II.

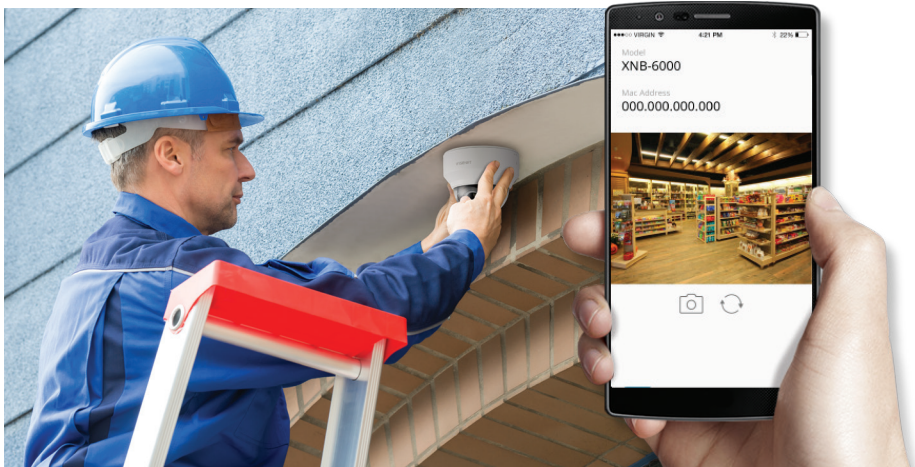
Improve bandwidth by up to 99% using WiseStream II

Using WiseStream II, **Hanwha Techwin's** video compression technology, the Wisenet **X** series reduces data by up to 99% compared to current H.264 technology, when combined with H.265 compression. System costs are also greatly reduced without comprising image quality.



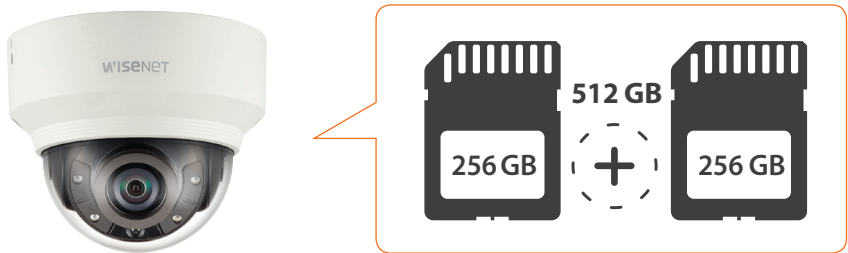
More convenient installation with USB

Using the USB port, the installer can easily connect Wisenet **X** series cameras and mobile devices through Wi-Fi. Viewing and lens angles can be checked immediately after installation. No additional devices are required, saving both time and money.



eXtra storage with dual SD slots

Dual SD slots allow up to **512 GB** to be saved automatically to the camera, keeping data safe in the event of an unstable network.



Minimise Lens Distortion

Lens Distortion may typically appear in videos causing straight lines close to the edge to curve outwards. With the Lens Distortion Correction technology available on the Wisenet **X** series, imperfections in images can easily be repaired.



Enhanced Video and Audio Analytics

Wisenet **X** series comes with a variety of e**X**clusive new Video and Audio Analytics, providing enhanced monitoring solutions and market intelligence.

Behaviour Analytics	Appear, Disappear, Loitering
Crossing	Virtual line, Enter/Exit, Directional Detection
Image quality enhancement	Defocus Detection, Fog detection
Detection	Motion Detection, Tampering, Face Detection, Audio detection
Statistics for Market Intelligence	Heat mapping , People counting, Queue management
Audio Analytics Sound classification	Explosion  Breaking glass  Gun shot  Scream 

※ bold: new added

Fog Detection

Wisenet **X** series delivers outstanding image quality in foggy weather with the Fog Detection. Any change in an image is automatically deleted with the defog function to provide a clear image.



Handover to PTZ

The handover feature allows a PTZ camera* to receive an alarm (motion detection) from a Wisenet **X** series camera operating on the same IP video surveillance system. Once the notification is received, the PTZ camera will zoom into the assigned camera pre-set location. This feature improves the efficiency of the surveillance system by decreasing the reliance on the system operator on tracking events, and by increasing the likelihood that critical events in a surveillance area will be captured and recorded. ※ PNP-9200RH / XNP-6370RH

